RESCUE CUSHION

LIFE JUMP 100 A

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ATTENTION!
READ THIS INSTRUCTION MANUAL CAREFULLY BEFORE USING THE EQUIPMENT

1 SYSTEM OF INFO AND SECURITY SIGNS

	GENERIC DANGER SIGN

2 IDENTIFICATION PLATE

The LIFE JUMP is identified by a plate showing the ID code and technical specifications, as below.

CUSCINO DA SALTO/RESCUE CUSHION

LIFE JUMP 100A

ANNO DI FABBRICAZIONE / YEAR OF PRODUCTION: ****
COSTRUITO PER SALTI DA 30 MT / MADE TO JUMP FROM 100 FEET
NON UTILIZZARE QUANDO PIOVE / DO NOT USE WHEN IT RAINS

MADE BY reXue ITALY

3 USE AND STORAGE OF THE SERVICE MANUAL

The aim of this manual is to provide instructions for the safest possible installation, use and maintenance of our equipment. The instructions must be followed and applied perfectly. The manual is to be considered an integral part of the equipment and as such should be kept for future reference for the entire life of the product. Furthermore these recommendations do not represent the only procedures to maintain safety; any operation performed on moving parts and/or in the presence of electrical current, such as installation or maintenance, demands particular attention and this can only be given by qualified personnel that have been suitably trained. In following the instructions for the use of the jump cushion, compliance to all local directives, laws and norms must also be assured.

	The manual must be considered an essential part of the equipment. **Keep in a safe place, within easy reach for quick consultation.**

	THE TERM "QUALIFIED PERSONNEL" IS DEFINED AS PERSONNEL WHO HAVE SPECIFIC TECHNICAL COMPETENCE IN THE FIELD OF AERAULIC AND ELECTRIC COMPONENTS FOR INDUSTRIAL PURPOSES.

4 WARRANTY AND EXPIRY OF LIABILITY

a) Rosenfire products have 12 months warranty from delivery date.
b) The manufacturer agrees to repair and/or replace, within the warranty period, any parts suffering from factory defects on condition that the declared defect is first confirmed by their personnel. The manufacturer's decision in this matter is incontestable.
c) Transport and labour costs are not included in the guarantee and may be accepted by the Manufacturer only after written request for quote and the Manufacturer's written approval.
d) The guarantee is not valid in cases of normal wear, careless operation, bad maintenance or incorrect use.
e) The assembly of any non-original parts onto the equipment will void the guarantee.
f) The Manufacturer will not accept responsibility for any costs, losses or damage of any kind resulting from use, correct or otherwise, or any partial or total defects in the equipment.
g) Shipping of the goods is at the consignee's risk. Any damage sustained during transport must be contested with the shipping agent upon receipt.

The Manufacturer is deemed wholly exempt of any direct or indirect liabilities in the following conditions:

a) improper use of the LIFE JUMP;
b) use of the equipment by unskilled people;
c) use contrary to other applicable local norms;
d) serious deficiencies in maintenance;
e) unauthorised interventions or modifications;
f) use of non-original or non-specific spare parts;
g) whole or partial failure to follow instructions;
h) unusual events.

5 DESCRIPTION OF EQUIPMENT

LIFE JUMP consists of:

- HELICAL FAN TYPE 500
- HELICAL FAN TYPE 630
- LIFE JUMP CUSHION
- CARRYING BAG
- REPAIR AND ANCHORAGE KIT

5.1 HELICAL FANS TYPE 500 ABOVE AND 630 BELOW

A characteristic of the helical fans is that they are crossed axially by the airflow in a "direct crossing" pattern. The technical characteristics of the fans are given in the fans' own manuals as supplied with the LIFE JUMP.

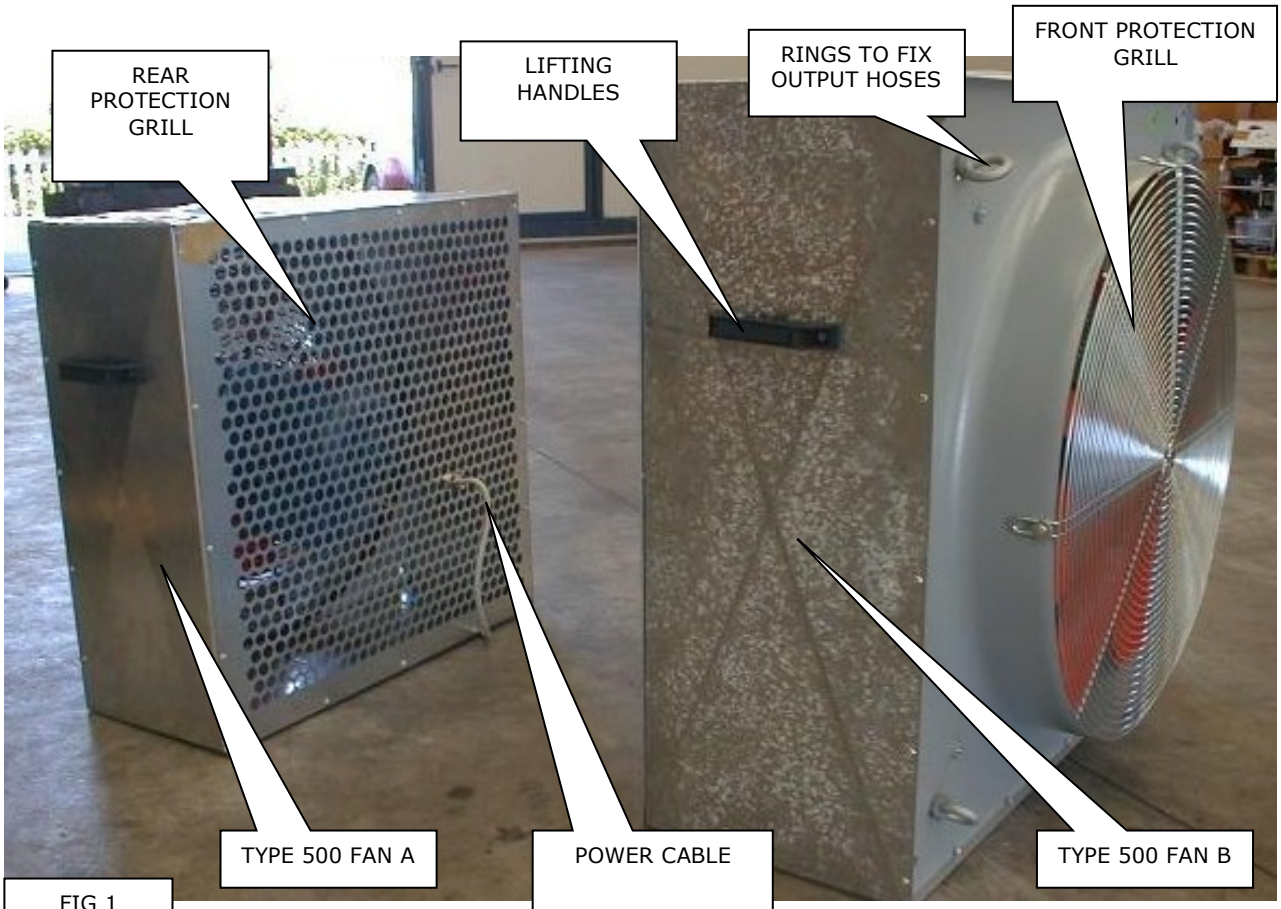


FIG 1

5.2 AIR JUMP CUSHION

The air jump cushion consists in a lower chamber, an upper chamber with overpressure outlet valves and two air hoses. All component parts have been sewn and welded to allow an easy and prompt use of the device.

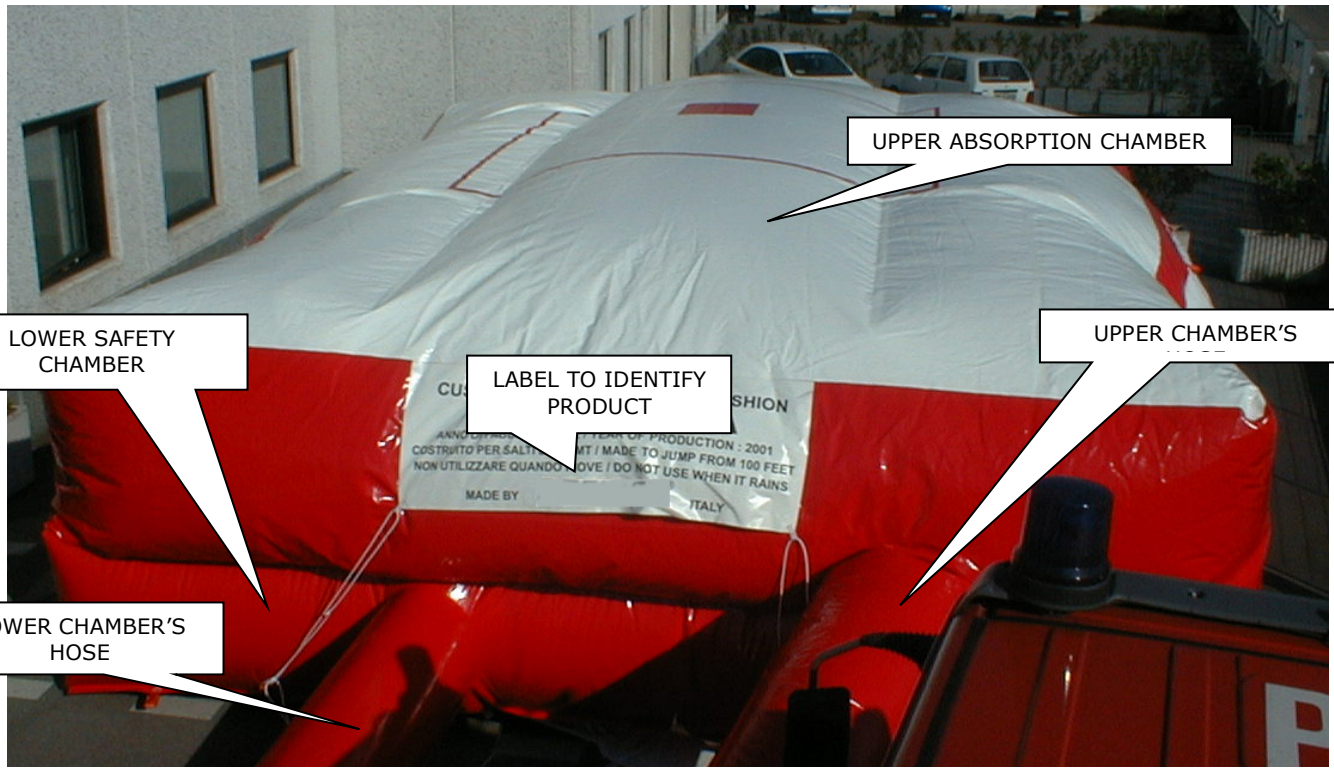


FIG 2

FIG 3

5.3 WEIGHTS, DIMENSIONS AND TECHNICAL FEATURES

Component	Characteristic	Value		
TYPE 630 FAN (UPPER CHAMBER)	DIMENSIONS	800 × 800 × 330 [mm]		
	WEIGHT	42 [kg]		
	CAPACITY	8910 [m^3/h]		
	TOTAL PRESSURE	164 [Pa]		
	INTERNAL LOSS OF CHARGE	47 [Pa]		
	USEFUL STATICS PRESSURE	117 [Pa] (T=15°C)		
	INSTALLED POWER	1,1 [kW] (4 pole 230 V - 50 Hz)		
	STROKES	1435 [g/m']		
	ABSORPTION	2,8 [A]		
	GEARS	9 elements in resin plastic, shaft in Al		
	HEATING RESISTANCE	+ 50° C		
	FRAME	Galvanized holder plate		
	GEAR'S PROTECTION	Grill in steel wire (UNI 9219 DIN 31001)		
	ACOUSTIC PRESSURE	65 [dB] ISO 3744		
TYPE 500 FAN (LOWER CHAMBER)	DIMENSIONS	650 × 650 × 280 [mm]		
	WEIGHT	30 [kg]		
	CAPACITY	3150 [m^3/h]		
	TOTAL PRESSURE	170 [Pa]		
	INTERNAL LOSS OF CHARGE	21 [Pa]		
	USEFUL STATICS PRESSURE	149 [Pa] (T=15°C)		
	INSTALLED POWER	0,55 [kW] (4 poles 230 V - 50 Hz)		
	STROKES	1010 [g/m']		
	ABSORPTION	1,6 [A]		
	GEARS	8 elements in resin plastic, shaft in Al		
	HEATING RESISTANCE	+ 50° C		
	FRAME	Galvanized holder plate		
	GEAR'S PROTECTION	Grill in steel wire (UNI 9219 DIN 31001)		
	ACOUSTIC PRESSURE	68 [dB] ISO 3744		
JUMPING CUSHION	Inflated cushion's dimensions	6 × 7,60 × 2,75(H) [m]		
	Useful surface	45,6 [m^2]		
	Volume of deflated cushion	1,5 [m^3] (fans excluded)		
	Weight	230 kg		
	Material	Coated polyester PVC		
	COMPONENTS	**JUMP SURFACE**	**BOTTOM**	**SIDE & REST**
	Breaking Strength (EN ISO 1421:1998)	Warp 3000 N/5 cm Weft 2800 N/5 cm	Warp 4000 N/5 cm Weft 3500 N/5 cm	Warp 2500 N/5 cm Weft 2300 N/5 cm
	Tear Strength (DIN 53363:2003)	Warp 300 N Weft 280 N	Warp 600 N Weft 500 N	Warp 250 N Weft 200 N
	Working Temperature (DIN EN 1876-2:1998)	-30 °C/ + 70 °C	-30 °C/ + 70 °C	-30 °C/ + 70 °C
	Fire Behavior	M2 – NFP 92507:2004	M2 – NFP 92507:2004	ADR Class II – UNI 8456 – UNI 9174
	Light Fastness (ISO 105 B02:1998)	7-8 (Except white and semi-transparent)	7-8 (Except white and semi-transparent)	7-8 (Except white and semi-transparent)
All stitching on the LIFE JUMP cushion is made of yarn with a polyester core and cotton cover (80% polyester, 20% cotton). Holding strength σ=10,850 g elongation Δρ/ρ =25,5% tensile strength 44,5 g/TEX. Welding is performed by ultrasonic min. 12 kW.				
BOTH FANS ARE SUPPLIED WITH 15 m EXTENSION CABLES				

6 USE OF THE CUSHION

The LIFE JUMP acts as a dissipater of the energy of a falling body. The lateral overpressure outlet valves release a certain quantity of air upon impact on the surface of the cushion, softening and absorbing the body without rebound. The LIFE JUMP cushion must be used strictly within the specified design and production limits, i.e. jumps from 30 meters (100 feet), with an average weight of 80 Kg. (785 N) and a surface area of at least 0,50 m^2. The entire absorption capacity of the LIFE JUMP takes place within 1/6 of a second, thus air path and outlet valves must always be free of obstruction. The LIFE JUMP is composed of 2 separate compartments/chambers, divided by a bulkhead. The upper chamber is equipped with 4 exhaust holes, that disperse the energy produced by the falling body in the most efficient way possible, completely eliminating any trampoline effect. The ropes can be used to regulate the airflow through the valves, based on the height of the fall and the presumed weight of the person to be saved. The lower chamber absorbs any excess energy of the falling body, to prevent it from hitting the ground. This chamber is a safety compartment with twice the absorption capacity of the upper chamber and its bottom surface is made of a more resistant material to avoid damage from usage and rubbing.

6.1 INSTALLATION PROCEDURE

In this part the sequence of operations for using the jumping cushion is explained:

- ❑ POSITIONING AND INFLATING
- ❑ PREPARATION
- ❑ USE
- ❑ USE IN TRAINING
- ❑ PACKING AND STORAGE

6.1.1 POSITIONING AND INFLATING

The inflated jumping cushion covers a surface of 45,6 m^2 (6×7,60 m), so it is necessary to position it carefully beforehand and verify that inflation will be possible.
Remove the cushion from the carrying bag, then lay it out with the white surface (upper chamber) on top and the red surface (lower chamber), made of a more resistant material, face down. Unwind the hoses and check for any coils/knots and that nothing has been placed on top of them. Couple the fans to the hoses as follows:

UPPER CHAMBER (WHITE)	FAN TYPE 630	REQUIRED POWER=1,10 kW
LOWER CHAMBER (RED)	FAN TYPE 500	REQUIRED POWER=0,55 kW

Anchor the hoses to the fan's frames by means of spring clips on the hose side and the rings on the fan side and tighten the elastic strips on the edges of air hole (see picture). Start the fans by connecting them to a 220V source, being careful to check the required installed power when using a power generator.

FIG 4

FIG 5

Inflation times for the two chambers:

UPPER CHAMBER (WHITE)	FAN TYPE 630	TIME OF PROCESS ≈ 36 s
LOWER CHAMBER (RED)	FAN TYPE 500	TIME OF PROCESS ≈ 75 s

At the end of this operation the cushion will look like this:

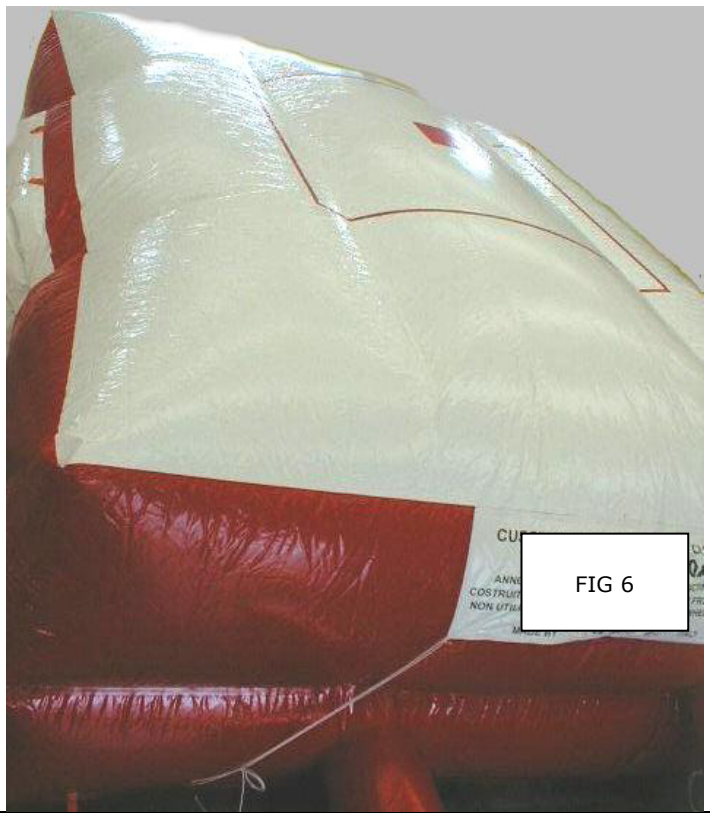


FIG 6

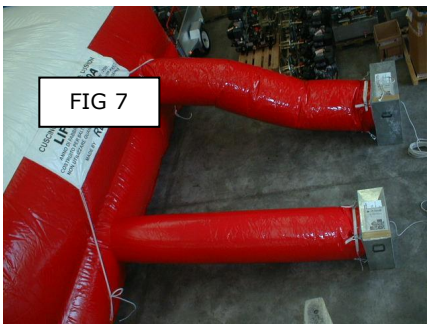


FIG 7

FIG 8

6.1.2 PREPARATION

FIG 9

Before every jump, check the cushion's position and move it if necessary using the handles visible in figure 9. Verify that the overpressure outlet valves of the upper chamber (the white one) are clear and appear as in figure 8. The tie bolts of the valves must not be in tension, as air-flow must be easy, in order to wholly absorb the weight of the falling body. Verify that the outlet valves are not obstructed – there must be a corridor of at least 50 cm around the full perimeter of the cushion. If necessary, fix the cushion to the ground using supplied pegs and lateral handles.

6.1.3 USE

After positioning the cushion and checking the set-up, the jump operation may begin. It is very important in an emergency situation to instruct people in danger about the correct way to fall. Only one person may jump at a time and between jumps, about 30 seconds must be allowed for the upper chamber to have time to fully inflate.

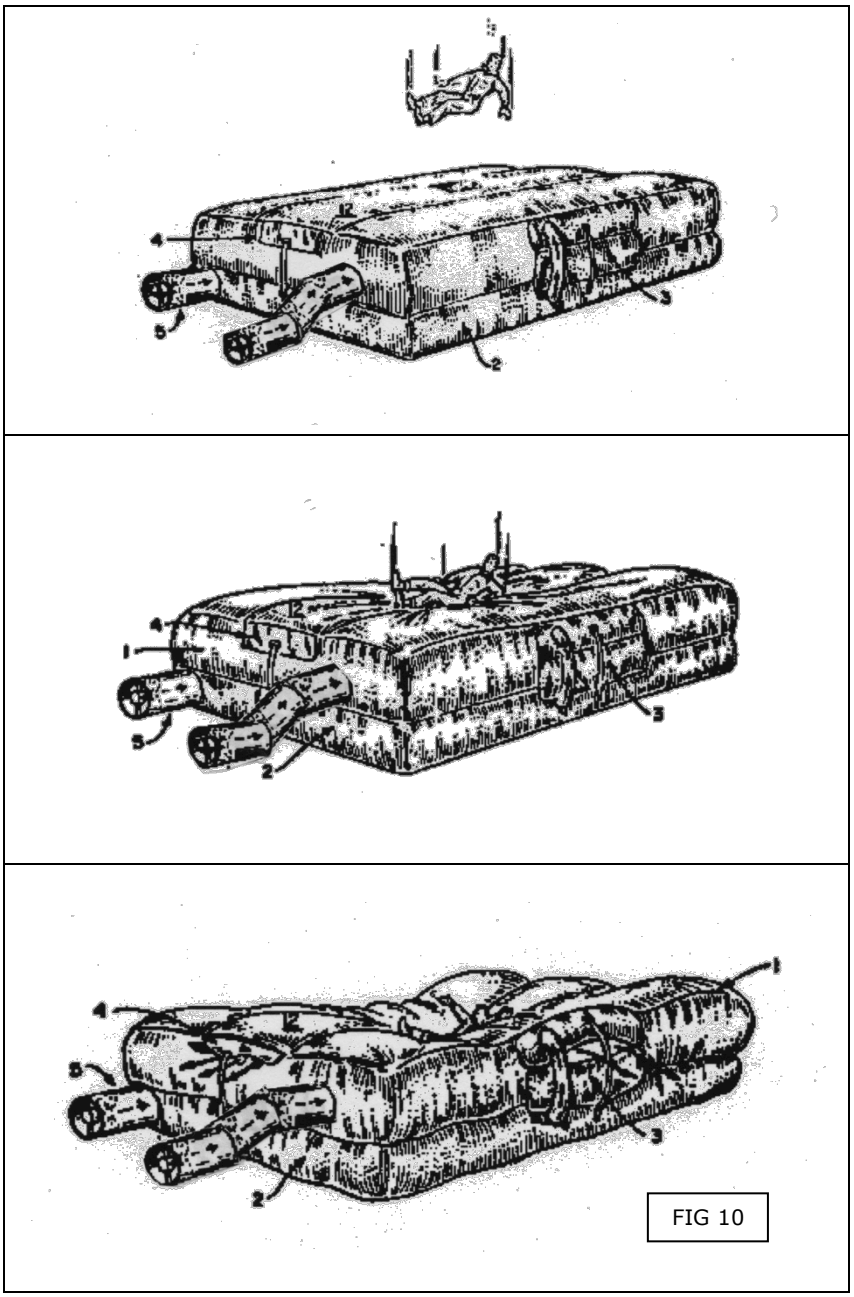


FIG 10

As shown in figure 10, the jump has to occur in square position, with the legs forward and torso upright. As soon as the person lands on the LIFE JUMP cushion, the system of lateral outlet valves disperses the dropping body's energy (figure 11), allowing a smooth landing without rebounding. The person is able to descend unassisted without injury or shock, by just sliding to the edge. Once the cushion is free of weight, the lateral holes will re-shut and fans give pressure to both chambers, allowing another jump (time between jumps 30 s.)

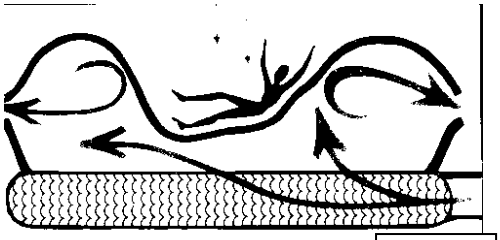


FIG 11

FIG 12

PAY ATTENTION TO THE ELECTRIC FAN'S POWER SUPPLY WHEN THE CUSHION IS IN USE, BECAUSE AN INTERRUPTION IN THE ELECTRIC CURRENT WILL TURN OFF THE BLOWERS. AT THIS POINT AIRFLOW OUT OF THE CUSHION WILL INVERT THE FANS' ROTATION, SO THE CUSHION WILL DEFLATE RAPIDLY. EVEN AN IMMEDIATE RETURN OF ELECTRIC CURRENT WILL NOT AUTOMATICALLY RESTART THE FAN IN THE RIGHT DIRECTION. THERE ARE TWO WAYS TO RESET THE FANS:

- DISCONNECT THE OUTLET HOSE AND WAIT UNTIL THE BLOWER FANS HAVE STOPPED. RESTART THE BLOWER AND RECONNECT THE HOSE.
- BLOCK THE AIRFLOW FROM CHAMBER (SEE FIGURE 12) THEN WAIT UNTIL THE FANS STOP COMPLETELY. START THE BLOWER AND RELEASE THE OUTLET FLOW.

DO NOT USE CUSHION IN RAIN OR STRONG WIND, IN PRESENCE OF AGGRESSIVE CHEMICAL SUBSTANCES OR FOR USES THAT ARE NOT PREVIOUSLY APPROVED BY THE TECHNICAL DEPARTMENT OF MANUFACTURING COMPANY. FAILURE TO RESPECT THE ABOVE WILL RESULT IN ANNULLMENT OF EVERY SORT OF GUARANTEE AND ALL LIABILITY AND RESPONSABILITY WILL AUTOMATICALLY BE CONSIDERED ON OPERATOR'S CHARGE.

6.1.4 USE IN TRAINING

When used in training, as well as following all standard procedures, a height limit of 4m is to be observed. Although the cushions have been tested for jumps from 21m, this lower height (corresponding to 1nd floor of the training building or drill tower) must be respected in training. Furthermore the correct position must be assumed – legs forward and head back – and the personnel must be trained and in suitable physical condition. These precautions are determined by the fact that the cushion is *per se* a piece of rescue equipment to be used in extreme conditions where the lack of any alternative would result in serious injury or certain death. Regarding this, the manufacturer cannot accept responsibility for any accidents, which occur during training as a result of jumps from more than 4m, jumps carried out incorrectly or jumps carried out by unsuitable personnel.

	DURING TRAINING OPERATIONS, NEVER JUMP FROM HEIGHTS OVER 4 METERS, AND LAND ONLY IN SQUARED-OFF POSITION. THE MANUFACTURER DECLINES ANY KIND OF LIABILITY FOR JUMPS CARRIED OUT NOT ACCORDING TO THE PRESENT INDICATIONS.

6.1.5 PACKING AND STORAGE

When rescue operations are finished, disconnect the fans and deflate the cushion till flat, manually helping the deflation from both chambers and the outlet valves (figure 13).

FIG 13

Folding the cushion requires two people and must be carried out in the following sequence:

Fig 14 Deflated cushion

Fig 15 Quarter fold

Fig 16 Quarter fold

Fig 17 Quarter fold

Fig 18 Roll up pipes

Fig 19 Canvas storage

	FOLD AND ROLL CUSHION IN ITS CARRY-BAG, THEN STORE IN A DRY PLACE AWAY FROM DIRECT SUNLIGHT, READY FOR NEXT OPERATION.

6.2 RESIDUAL RISKS

Due to the highly specific nature of the LIFE JUMP's use and application, it is essential that operators be authorised, properly trained and are familiar with the contents of this manual.
As previously repeated in other chapters, by its nature the cushion will be used in emergency conditions and in difficult circumstances. This means that immediate and rapid deployment of the equipment will be necessary.
The assigned operators must be prepared and instructed regarding potential "residual risks" that may result not so much from any characteristics of the equipment or its component parts or from their specific functions, but from purely behavioural conditions dependant on the operators' manner of working.
Hence the operator is exposed to these "residual risks" i.e. to dangers that cannot be totally eliminated either at the planning/design level or by using protection.
Possible "residual risks" deriving from the use of LIFE JUMP may be particularly present during the following operative phases:

- Lifting and moving the cushion assembly;
- Nearness to the cushion assembly during a jump

The operators in charge must wear proper "Individual protective devices", depending on the specific operational situation (Italian Law 626/94 and amendments or foreign equivalents).

	AS PREVIOUSLY DESCRIBED IN THE PROCEDURES FOR INSTALLATION AND USE, THE LIFE JUMP IS A RESCUE DEVICE THAT, FOR EVIDENT REASONS, CANNOT IN ANY WAY GUARANTEE THE SAVING OF A LIFE WITH EVERY SINGLE JUMP. THIS IS BECAUSE PEOPLE IN DANGER IS PRONE TO PANIC AND JUMPS MADE IN AN INCORRECT POSITION CAN CAUSE FRACTURES OR INJURIES THAT IN EXTREME CASES MAY PROVE FATAL. FOR THIS REASON, WE RECOMMEND DURING TRAINING OF EMERGENCY PERSONNEL, THAT NO JUMPS EXCEED THE RECOMMENDED HEIGHT AND ARE ALWAYS MADE IN THE SQUARED OFF POSITION. THE LIFE JUMP IS INTENDED TO OFFER A LAST CHANCE OF SALVATION IN EMERGENCY SITUATIONS WHERE THE ALTERNATIVE WOULD BE CERTAIN DEATH JUMPING FROM A HEIGHT OF 21 m. AND IT MUST BE VIEWED IN THIS PROSPECTIVE.

7 MAINTENANCE INSTRUCTIONS

7.1 INTRODUCTION

	FAILURE TO RESPECT THE NORMS AND MAINTENANCE SCHEDULING, WILL JEOPARDIZE OPTIMAL PERFORMANCE OF THE LIFE JUMP, ITS EFFECTIVE LIFESPAN, AND CAN ALSO RESULT IN MALFUNCTIONS AND DAMAGE TO COMPONENTS WHICH MAY HAVE SERIOUS CONSEQUENCES. FAILURE TO COMPLY TO MAINTENANCE NORMS WILL ALSO INVALIDATE THE WARRANTY.

Only skilled operators who have not only read this manual but have also been sufficiently trained in the correct use of the LIFE JUMP must carry out maintenance. For reasons of safety and reliability, worn or damaged parts must always be replaced.

	DURING MAINTENANCE OPERATIONS SUCH AS ASSEMBLY AND DISASSEMBLY THE OPERATOR MUST WEAR SUITABLE D.P.I. GARMENTS (GLOVES, GLASSES, SAFETY SHOES, ETC.)

The user is responsible for maintenance and periodic checks and these should be carried out according to the instructions in this manual and at the indicated intervals or even more frequently in special cases.

7.2 LIFE JUMP CUSHION SET-UP FOR MAINTENANCE OPERATIONS

The responsible operator in a closed, clean place that meets with the current safety norms must carry out the maintenance operations. The LIFE JUMP must be put "OUT OF USE" by turning off the engines and suitable tools used.

7.3 STANDARD MAINTENANCE

Periodically check the suction and outlet grills, as well as the seams of the cushion.

7.4 SPECIAL MAINTENANCE

A specialised technician from the manufacturer’s service network should carry out a complete check-up annually.

7.5 WAREHOUSE STORAGE

The device must be stored in a safe place away from excess light and humidity.

7.6 SCHEDULED MAINTENANCE PROGRAM

7.6.1 MONTHLY CHECKS

- ❑ Prepare and inflate the cushion
- ❑ Leave cushion in pressure for 15 minutes minimum
- ❑ Verify seams and welds of cushion while in pressure
- ❑ Check electric cables and plugs
- ❑ Fold cushion as instructed on page 14 of this manual, avoiding unnecessary folds, and check that the cushion is not damp

7.6.2 SIX-MONTHLY CHECKS

- ❑ Prepare and inflate the cushion
- ❑ Leave cushion in pressure for 30 minutes minimum
- ❑ Verify seams and welds of cushion while in pressure
- ❑ Check electric cables and plugs
- ❑ Fold cushion as instructed on page 14 of this manual, avoiding unnecessary folds, and check that the cushion is not damp

7.6.3 BIENNAL TEST OF RESISTANCE

After two years' use, we advise carrying out the following resistance test: drop a weight of about 80 Kg with a surface of at least 0,20 m^2 from a greater height than the declared one (21 meters). Repeat this operation at least 3 times.

	AFTER EVERY USE CHECK THAT THE OUTLET TUBES AND THE VENTILATOR GRILLS ARE FREE OF OBSTRUCTIONS

7.6.4 CHECKING THE INNER RODS

During the 6-monthly check (7.6.2), verify the condition of the internal tension straps of the lower chamber:

- ❑ Prepare and inflate the cushion
- ❑ Two operators must release the outlet hose from the lower chamber and a third person must go inside the chamber passing through the tube itself.
- ❑ Re-attach the connection to the fan, to keep the chamber in pressure
- ❑ Check the condition of the tension straps.

8 TROUBLE-SHOOTING

The following is a list of the main faults, with the relative causes and solutions, that may be found during use of the LIFE JUMP cushion; using this the operator can promptly identify the faults and equally promptly act act to solve them.

FAULT	CAUSE	REMEDY
The engines don't start	No electricity	Check the plugs and the mains
	Not enough power	There must be at least 2,0 Kw
Noise coming from fan	Possible foreign items inside the fan casing	Remove extraneous parts with compressed air
The fan is sucking instead of blowing	The blower has been turned off and the rotation of the fan has reversed	turn off the fan and repeat assembling operations

READ THE INSTRUCTION AND MAINTENANCE MANUALS OF THE FANS, FOR FURTHER PROBLEMS ARISING DURING THEIR USE.

9 DISMOUNTING AND REMOUNTING OF THE PARTS OF THE CUSHION

9.1 INTRODUCTION

These are the instructions an operator, who has been adequately trained, must follow in order to take the LIFE JUMP apart in a suitable environment and subsequently re-assemble it.

9.2 DISMOUNTING OF CUSHION'S PARTS

Only trained, authorised personnel must carry out the maintenance procedures described in the previous chapters.
Such stages must be carried out with LIFE JUMP in a state of "OUT OF USE"

9.3 TECHNICAL SUPPORT CENTRE

These instructions only cover standard repairs; special repairs must be carried out only by the manufacturer's own technical staff. To request a visit please contact the technical service centre, giving the data relative to the specific LIFE JUMP.

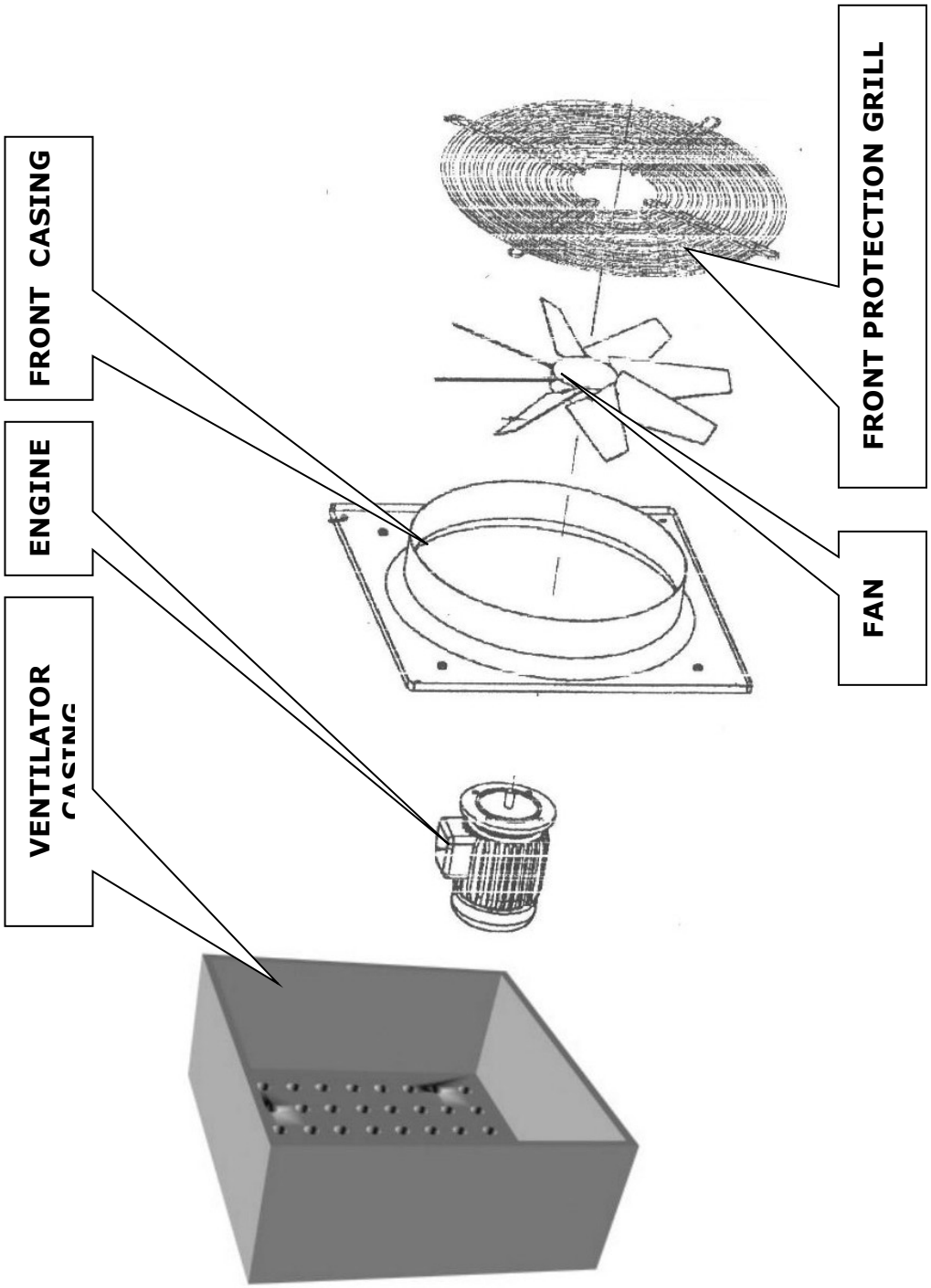
	ATTENTION!! FAILURE TO COMPLY WITH THESE INSTRUCTIONS WILL INVALIDATE THE WARRANTY.

FOR INFO REGARDING THE TECHNICAL SERVICE CENTRE:

Rosenfire S.r.l.
Via Bormioli, 3 I-25135 Brescia (Bs)
Tel. +39.030.2548566 Fax. +39.030.2548420

10 SECTION DRAWINGS FOR SPARE PARTS

10.1 SECTION DRAWING OF VENTILATOR



11 ATTACHMENTS

REF	ATTACHMENT	NOTES
11.1	TESTING PROCEDURE	
11.2	FIREPROOF CERTIFICATION FOR FABRICS	
11.3	USE & MANITENANCE CD	
11.4	USE & MANITENANCE MANUAL FOR FANS	
11.5	CE CERTIFICATION OF FANS	

11.1 TESTING PROCEDURE

TESTING PROCEDURE
JUMPING CUSHION LIFE JUMP 70 A

1. Prepare an empty working area of 13,5 m^2 – the cushion occupies (3 m × 4,50 m)
2. Place the cushion on the ground and unfold it from the cover
3. Place the fans in position

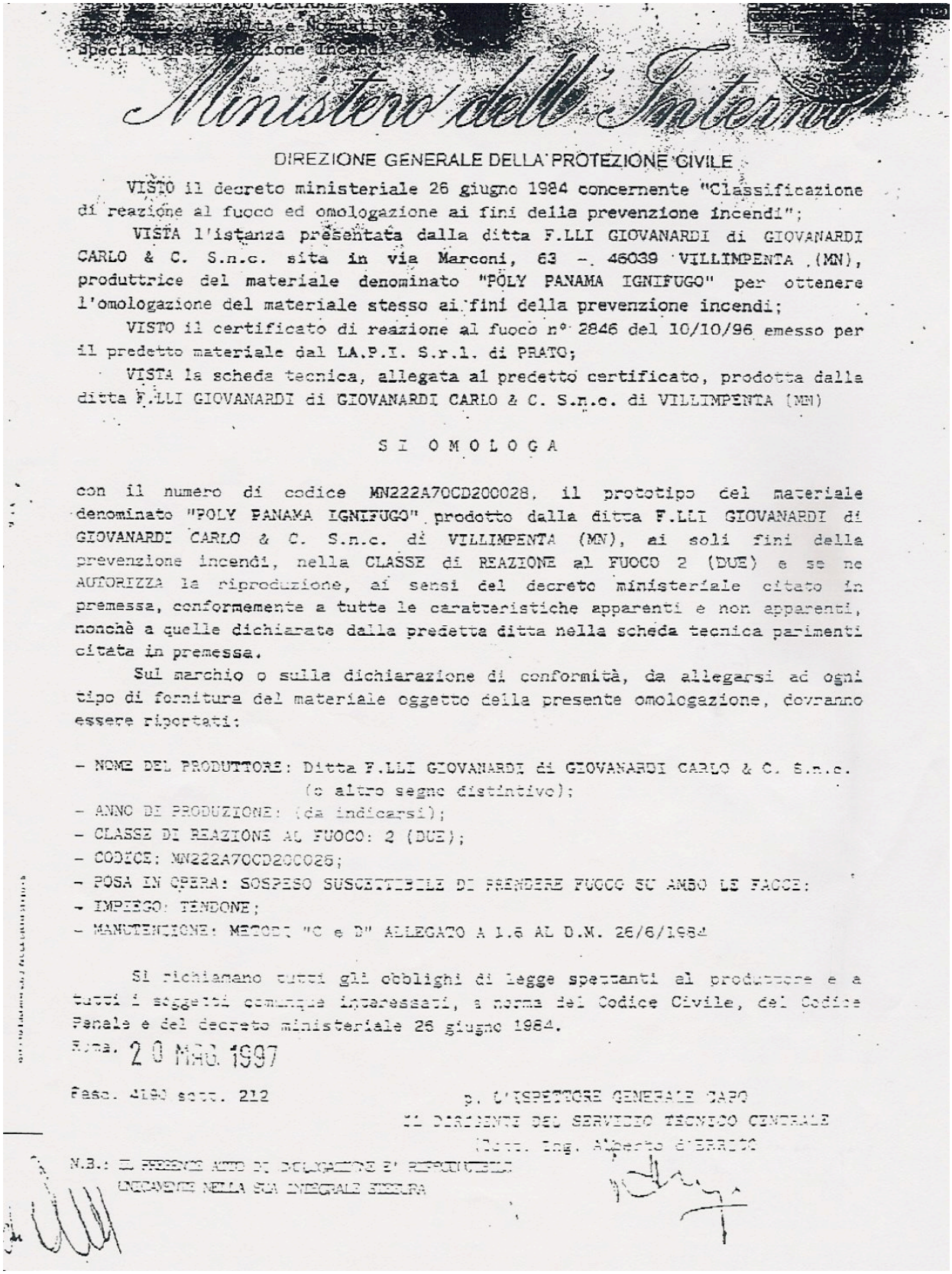
UPPER CHAMBER (WHITE)	FAN TYPE 500	REQUIRED POWER=0.55 Kw
LOWER CHAMBER (RED)	FAN TYPE 500	REQUIRED POWER =0,55 Kw

4. Fix the input tubes to the fans
5. Turn on the fans

UPPER CHAMBER (WHITE)	FAN TYPE 500	TIME OF PROCESS ≈ 36 s
LOWER CHAMBER (RED)	FAN TYPE 500	TIME OF PROCESS ≈ 75 s

6. Check the valve are clear to enable excess air to be expelled
7. Follow the procedure for training use, especially:
   - Maximum drop height: 21 m
   - Use a weight of 80 kg with a silhouette greater than 0,5 m^2
   - Drop onto centre of cushion
8. Deflate the cushion (as per § 6.1.5 of this manual)
9. Fold the cushion and roll it up into its bag (as per § 6.1.5 of this manual)

11.2 FABRIC CERTIFICATE FROM ITALIAN MINISTRY OF INTERIORS



Ministero dell'Interno

DIREZIONE GENERALE DELLA PROTEZIONE CIVILE

VISTO il decreto ministeriale 26 giugno 1984 concernente "Classificazione di reazione al fuoco ed omologazione ai fini della prevenzione incendi";

VISTA l'istanza presentata dalla ditta F.LLI GIOVANARDI di GIOVANARDI CARLO & C. S.n.c. sita in via Marconi, 63 - 46039 VILLIMPENTA (MN), produttrice del materiale denominato "POLY PANAMA IGNIFUGO" per ottenere l'omologazione del materiale stesso ai fini della prevenzione incendi;

VISTO il certificato di reazione al fuoco n° 2846 del 10/10/96 emesso per il predetto materiale dal LA.P.I. S.r.l. di PRATO;

VISTA la scheda tecnica, allegata al predetto certificato, prodotta dalla ditta F.LLI GIOVANARDI di GIOVANARDI CARLO & C. S.n.c. di VILLIMPENTA (MN)

S I O M O L O G A

con il numero di codice MN222A70CD200028, il prototipo del materiale denominato "POLY PANAMA IGNIFUGO" prodotto dalla ditta F.LLI GIOVANARDI di GIOVANARDI CARLO & C. S.n.c. di VILLIMPENTA (MN), ai soli fini della prevenzione incendi, nella CLASSE di REAZIONE al FUOCO 2 (DUE) e se ne AUTORIZZA la riproduzione, ai sensi del decreto ministeriale citato in premessa, conformemente a tutte le caratteristiche apparenti e non apparenti, nonchè a quelle dichiarate dalla predetta ditta nella scheda tecnica parimenti citata in premessa.

Sul marchio o sulla dichiarazione di conformità, da allegarsi ad ogni tipo di fornitura del materiale oggetto della presente omologazione, dovranno essere riportati:

- NOME DEL PRODUTTORE: Ditta F.LLI GIOVANARDI di GIOVANARDI CARLO & C. S.n.c. (o altro segno distintivo);
- ANNO DI PRODUZIONE: (da indicarsi);
- CLASSE DI REAZIONE AL FUOCO: 2 (DUE);
- CODICE: MN222A70CD200028;
- POSA IN OPERA: SOSPESO SUSCETTIBILE DI PRENDERE FUOCO SU AMBO LE FACCE;
- IMPIEGO: TENDONE;
- MANUTENZIONE: METODI "C e D" ALLEGATO A 1.6 AL D.M. 26/6/1984

Si richiamano tutti gli obblighi di legge spettanti al produttore e a tutti i soggetti comunque interessati, a norma del Codice Civile, del Codice Penale e del decreto ministeriale 26 giugno 1984.

Roma, 20 MAG. 1997

Fasc. 4100 sott. 212

p. L'ISPETTORE GENERALE CAPO
IL DIRIGENTE DEL SERVIZIO TECNICO CENTRALE
(Dott. Ing. Alberto d'ERRICO)

N.B.: IL PRESENTE ATTO DI OMOLOGAZIONE E' RIPRODUCIBILE UNICAMENTE NELLA SUA INTEGRALE STESURA